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**38. © Propagation of mangroves.** Dent, L. International Plant Propagators' Society, combined proceedings, 2009, 59:50-52. 2010.

## Propagation of Mangroves<sup>©</sup>

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### INTRODUCTION

**Background Details on Wallum Nurseries.** Wallum Nurseries is located 15 km from Brisbane's central business district in the bay side suburb of Gumdale. The nursery was established by my parents in 1999, and is now one of Australia's largest and leading wholesale nurseries specializing in Australian native flora for revegetation. Wallum Nurseries is a tube-stock grower of bushland flora, coastal flora, rainforest species, grasses, and wetland species.

Wallum Nurseries has been an Nursery Industry Accreditation Scheme, Australia accredited nursery since its establishment. We are also Eco-Hort Accredited and are now undertaking BioSecure (Hazard Analysis Critical Control Point) accreditation. This ensures the quality of stock our customers have come to expect from us. In 2005 Wallum Nurseries won the best Medium-Sized Production Nursery Award from the Australian Garden Industry.

**Personal Details.** I started working at Wallum Nurseries in 2001. And when working for your parents you start at only one place the very bottom. Consequently I have had every job imaginable. Packing orders for despatch, plant stock maintenance, customer deliveries, and sales. This has given me the experience to manage our nursery. Now, as General Manager I oversee all staff, co-ordinate pest and disease management programs, do production planning, and handle customer enquiries. I also ensure that all mandatory accreditation commitments are met. I have Certificate III Horticulture and am currently studying for a Diploma in Horticulture.

### GREY OR WHITE MANGROVE

**Distribution of the *Avicennia marina*.** The *Avicennia marina* is one of the most widely distributed mangrove species in the world due to its ability to tolerate cool temperate conditions. The global limits of *A. marina* occur in the latitudes of 30° Northern Hemisphere and 44° in the Southern Hemisphere. Although *A. marina* will grow in the far reaches of these latitudes it is more prolific in the tropical regions, where the average temperature is more than 19 °C.

The country where the *A. marina* is most prolific is Australia where it occurs in every mainland state. It also occurs throughout east Africa, the Arabian Gulf, South West and East Asia, and New Zealand.

**Habitat of *Avicennia marina* in Australia.** In Australia there are three forms:

- *Avicennia marina* subsp. *australisica* — which occurs from the mid Queensland coast to the South Australia coast.
- *Avicennia marina* subsp. *marina* — which occurs from the Northern Territory to central coast of Western Australia.

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<sup>1</sup>Luke Dent was selected as the Rod Tallis Memorial Youth Award recipient for 2009.